PTO/SB/05 (05-03) Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. UTILITY PATENT APPLICATION First Inventor TRANSMITTAL Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Commissioner for Patents Mail Stop Patent Application **APPLICATION ELEMENTS** ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria VA 22313-1450 1. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🔀 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. 🗷 [Total Pages Specification Computer Reader Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Paper - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Statements verifying identity of above copies - Detailed Description **ACCOMPANYING APPLICATION PARTS** · Claim(s) - Abstract of the Disclosure Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 10. F 37 CFR 3.73(b) Statement Power of (when there is an assignee) **Attorney** 5. Oath or Declaration [Total Sheets English Translation Document (if applicable) 11. a. Newly executed (original or copy) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1499 Citations Copy from a prior application (37 CFR 1.63(d)) 13. l **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) i. DELETION OF INVENTOR(S) 15 Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. 📖 Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation ☐ Divisional Continuation-in-part (CIP) of prior application No.: ..... Prior application information: Examiner Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below OR (Insert Customer No. or Attach bar code label here) Name MISSION Address City State Zip Code Country Telephone Fax 280-185 19-280-180 Name (Print/Type) Registration No. (Attorney/Agent)

This collection of information is required by 37 CFR 1.63(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

Signature

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Date

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## **FEE TRANSMITTAL** for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL	<b>AMOUNT</b>	OF PAYMENT
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Name (Print/Type) Signature

121	
(4)	

Compl te if Known	
Application Number	
Filing Date	
First Named Inventor	
Examiner Name	
Art Unit	
Attorney Docket No.	

METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)	FEE CALCULATION (continued)			
Check Credit card Money Other None 3. ADDITIONAL FEES	3. ADDITIONAL FEES			
Deposit Account:				
Fee Fee Fee Fee Fee Pescription				
Account	Fee Paid			
Number 1051 130 2051 65 Surcharge - late filing fee or oath Deposit 1052 50 2052 25 Surcharge - late provisional filing fee or				
Account Cover sheet				
The Commissioner is authorized to: (check all that apply) 1053 130 1053 130 Non-English specification	1			
Charge fee(s) indicated below Credit any overpayments 1812 2,520 1812 2,520 For filing a request for ex parte reexaminable	^ <del> </del>			
Charge any additional fee(s) during the pendency of this application 1804 920° Requesting publication of SIR prior to Examiner action	Ll			
Charge fee(s) indicated below, except for the filing fee 1805 1,840° Requesting publication of SIR after Examiner action				
FEE CALCULATION 1251 110 2251 55 Extension for reply within first month	1 1			
1. BASIC FILING FEE 1252 410 2252 205 Extension for reply within second month				
Large Entity Small Entity 1253 930 2253 465 Extension for reply within third month	<b> </b>			
Fee Fee Fee Fee Description Fee Paid 1254 1.450 2254 725 Extension for reply within fourth month	<u> </u>			
1001 750 2001 275 LHIBA Size to 1255 1,970 2255 985 Extension for reply within fifth month	<b> </b>			
1002 330 2002 165 Design filing fee 375 1401 320 2401 160 Notice of Appeal				
1003 520 2003 260 Plant filing fee 1402 320 2402 160 Filing a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee 1403 280 2403 140 Request for oral hearing				
1005 160 2005 80 Provisional filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 1452 110 2452 55 Petition to revive - unavoidable	<b> </b>			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				
Fee from 1501 1,300 2501 650 Utility issue fee (or reissue)				
Total Claims below Fee Paid 1502 470 2502 235 Design issue fee				
Independent 1503 630 2503 315 Plant issue fee				
Claims Land 3 Land 1 La				
1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	<b> </b>			
Large Entity   Small Entity Fee Fee Fee Fee Fee Description 1806 180 Submission of Information Disclosure Strnt				
Code (\$) Code (\$) 8021 40 Recording each patent assignment per	1 1			
1202 18 2202 9 Claims in excess of 20 1809 750 2809 375 Filing a submission after final rejection				
1201 84 2201 42 Independent claims in excess of 3 (37 CFR 1.129(a)) 1203 280 2203 140 Multiple dependent claim, if not paid 1810 750 2810 375 For each additional invention to be	<del>  </del>			
1204 84 2204 42 "Reissue independent claims examined (37 CFR 1.129(b)) over original patent 1801 750 2801 375 Request for Continued Examination (RCE				
1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination				
and over original patent of a design application  Other fee (specify)	<b> </b>			
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"or number previously paid, if greater; For Reissues, see above Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  SUBMITTED BY				

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